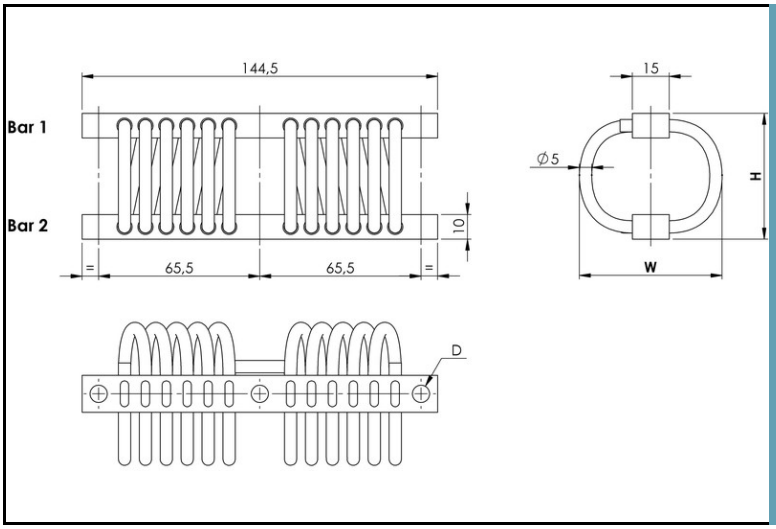
WIRE ROPE ISOLATORS: 'HELICAL'



- All metal multidirectional anti-vibration/shock mounts
- Exceptional reliability and long life
- High damping
- No aging
- Corrosion resistant
- Unequalled temperature range : -180°C to +300°C / -290F to 570 F
- Great adaptability/versatility

Specials on request
(material size and number of loops, etc.)

Dimensions are in milimeters. For reference only

SERIES

Materials and finishes
(meets RoHS requirements)

C1260

Cable:
stainless steel
(galvanized available)

Retainer bars:
aluminium alloy/
SurTec

All stainless steel : CSS

Other materials on request

MODEL

	height H (mm)	width W (mm)	weight (kg)
-13	51	58	0,24
-16	53	63	0,25
-18	52	70	0,26
-20	55	74	0,27
-39	57	80	0,28
-50	82	106	0,36

INTERFACES

fixtures holes D	Bar 1		
	3 through holes ø7mm	3 through holes ø7mm countersunk 90°	3 x M6
Bar 2			
3 through holes ø7mm	no suffix	not standard	not standard
3 through holes ø7mm countersunk 90°	CM	CM2	not standard
3 x M6	IM	CIM	IM2

C	1	2	6	0	-	1	3	C	I	M

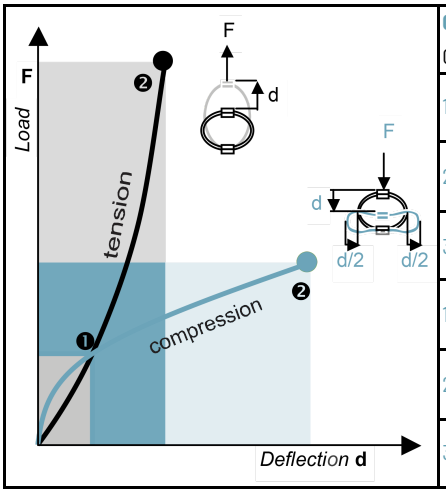
SERIE: C1260
'Helical' mount from the C1260 series

MODEL: -13
height: 51mm
width: 58mm
weight: 0,24kg
loops: serie standard is 11 loops

INTERFACE: CIM
3 through holes ø7mm countersunk 90° in bar 1,
3 x M6 in bar 2

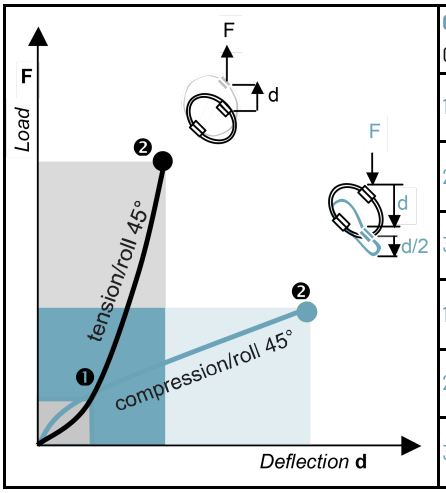


WIRE ROPE ISOLATORS: 'HELICAL'



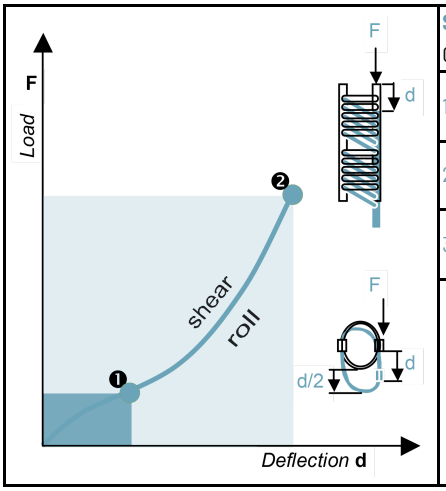
COMPRESSION AND TENSION

C1260 Series	Model	-13	-16	-18	-20	-39	-50
1.Max Static	F daN	42,7	36,1	27,8	24,9	21	12,5
	d mm	4,8	5,3	5,2	5,6	6	10,1
2.Max Shock	F daN	128	108	83,4	74,6	62,9	37,6
	d mm	27	28	27	30	32	54
3.Max Vibration	2a mm	3	3,2	3,1	3,4	3,6	6
	f Hz	6,9	6,9	7,5	7,2	7	5,2
1.Max Static	F daN	42,7	36,1	27,8	24,9	21	12,5
	d mm	3,3	3,9	4,7	5,1	5,8	8,6
2.Max Shock	F daN	386	351	334	298	270	138
	d mm	13	16	23	25	31	40
3.Max Vibration	2a mm	1,4	1,8	2,6	2,9	3,4	4,4
	f Hz	11,2	10,4	9,3	8,9	8,4	6,9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

C1260 Series	Model	-13	-16	-18	-20	-39	-50
1.Max Static	F daN	32	27,1	20,8	18,7	15,7	9,4
	d mm	6,8	7,6	8,4	9,2	10	15,8
2.Max Shock	F daN	82	70,4	56,3	50,4	42,9	25
	d mm	40	43	41	45	48	82
3.Max Vibration	2a mm	4,5	4,8	4,6	5	5,4	9,1
	f Hz	5,9	5,9	6,3	6	5,9	4,4
1.Max Static	F daN	32	27,1	20,8	18,7	15,7	9,4
	d mm	4,4	5,1	6,1	6,7	7,5	11,2
2.Max Shock	F daN	190	174	168	149	136	69,4
	d mm	14	18	27	29	35	46
3.Max Vibration	2a mm	1,6	2,1	3	3,3	3,9	5,1
	f Hz	10	9,2	8,3	8	7,5	6,2



SHEAR OR ROLL

C1260 Series	Model	-13	-16	-18	-20	-39	-50
1.Max Static	F daN	21,3	18,1	13,9	12,4	10,5	6,3
	d mm	7,1	7,6	7,4	8,2	8,8	15,2
2.Max Shock	F daN	94,7	86,5	82,6	72,9	65	32,5
	d mm	22	26	31	33	38	56
3.Max Vibration	2a mm	2,5	2,9	3,4	3,7	4,2	6,2
	f Hz	7,7	7,3	7	6,7	6,4	5,1

1. Max static load (F) with corresponding deflection (d)
2. Max shock load (F) with corresponding deflection (d)
3. Uncoupled resonant frequency (f) under max static loading 1. and max peak to peak sinusoidal vibration input (2a)

*IMPORTANT: Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us

TYPICAL SHOCK/VIBRATION SPECIFICATIONS:

Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810
Ground Forces	GAM EG13A, SEFT 001, MIL-STD-810, VG 9533
Marine	GAM EG13C, IT25-21/96-31/15-86, MIL-S-167, MIL-S-901, STANAG 042, BV 043.73, BV 044
Others	GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C